

Title (en)  
DATA PACKET ROUTING METHOD AND DATA PACKET ROUTING DEVICE

Title (de)  
DATENPAKET-ROUTING-VERFAHREN UND DATENPAKET-ROUTING-VORRICHTUNG

Title (fr)  
PROCÉDÉ DE ROUTAGE DE PAQUET DE DONNÉES ET DISPOSITIF DE ROUTAGE DE PAQUET DE DONNÉES

Publication  
**EP 3657741 A1 20200527 (EN)**

Application  
**EP 18834470 A 20180413**

Priority  
• CN 201710595398 A 20170720  
• CN 2018082956 W 20180413

Abstract (en)  
The present disclosure provides a data packet routing method and a data packet routing device. The data packet routing method includes receiving and resolving an initial route resolution request message to obtain a requested domain name in the initial route resolution request message; determining whether there is a specified domain name resolution server corresponding to the requested domain name according to preset domain name configuration information and the requested domain name; if there is a specified domain name resolution server corresponding to the requested domain name, modifying a default destination address of the initial route resolution request message to an address of the specified domain name resolution server, so as to obtain a routing information request message; searching for routing information corresponding to the routing information request message according to the routing information request message and preset routing information; and sending a data packet to a destination address corresponding to the requested domain name according to the routing information.

IPC 8 full level  
**H04L 45/74** (2022.01); **H04L 45/24** (2022.01); **H04L 45/42** (2022.01); **H04L 45/741** (2022.01)

CPC (source: CN EP US)  
**H04L 45/22** (2013.01 - US); **H04L 45/42** (2013.01 - US); **H04L 45/566** (2013.01 - US); **H04L 45/74** (2013.01 - CN EP);  
**H04L 45/741** (2013.01 - US); **H04L 45/745** (2013.01 - CN EP US); **H04L 61/4511** (2022.05 - CN EP US); **H04L 69/22** (2013.01 - US);  
**H04L 45/741** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3657741 A1 20200527**; **EP 3657741 A4 20210310**; **EP 3657741 B1 20240731**; CN 109286568 A 20190129; US 11381503 B2 20220705;  
US 2020186469 A1 20200611; WO 2019015363 A1 20190124

DOCDB simple family (application)  
**EP 18834470 A 20180413**; CN 201710595398 A 20170720; CN 2018082956 W 20180413; US 201816631467 A 20180413